

Recombinant Human SGK3, GST-tagged

Cat. No. SGK3-142H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SGK3 (amino acid residues 1-130), with N-terminal GST, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-130 a.a.
Description	The serum and glucocorticoid-inducible protein kinase (SGK) family is made up of three isoforms, SGK1, 2, and 3, that are phosphatidylinositide-3-kinase (PI3-K)-dependent, serine/threonine kinases, with similar substrate specificity to protein kinase B (PKB). Consequently, the SGK family also regulates similar cell processes to the PKB kinases, including cell proliferation and survival (Bruhn et al., 2013)
Form	50 mM Tris/HCl pH7.5, 0.1 mM EGTA, 150 mM NaCl, 0.1% β-Mercaptoethanol, 270 mM sucrose, 0.03% Brij-35, 1 mM Benzamidine, 0.2 mM PMSF.
Molecular Mass	~42.4 kDa
Purity	>95% by InstantBlue™ SDS-PAGE
Storage	12 months at -70°C. Avoid multiple freeze/thaw cycles.
Concentration	4.2 mg/ml

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GENE INFORMATION

Gene Name	SGK3 serum/glucocorticoid regulated kinase family, member 3 [Homo sapiens]
Official Symbol	SGK3
Synonyms	SGK3; serum/glucocorticoid regulated kinase family, member 3; serum/glucocorticoid regulated kinase like , SGK2, SGK1; serine/threonine-protein kinase Sgk3; cytokine-independent survival kinase; CISK; SGK2; SGK1; DKFZp781N0293;
Gene ID	23678
mRNA Refseq	NM_001033578
Protein Refseq	NP_001028750
MIM	607591
UniProt ID	Q96BR1
Chromosome Location	8q12
Pathway	Insulin Signaling, organism-specific biosystem;

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